

REMARKS

In response to the Advisory Action mailed June 7, 2006 and in further response to the Final Office Action mailed March 10, 2006, Applicants request reconsideration.

As a preliminary matter, Applicants respectfully request entry of the response to the Final Office Action filed May 10, 2006 in the present application.

The Final Office Action and the Advisory Action maintain the rejection under 35 U.S.C. §102(e) of claims 1-4, 7-14, and 17-21 as being anticipated by Coile. Applicants respectfully traverse this rejection for at least the same reasons articulated in Applicants' previous responses.

To further prosecution of the application, each of the independent claims have now been amended. Claim 1 now recites a method of increasing throughput of a server capable of servicing at least one TCP/IP connection with a client, the server creating a TCP/IP Transmission Control Block (TCB) stored in non-paged pool (NPP) memory containing information required to identify and to service the client connection, comprising: closing a TCP/IP connection; excluding information from the TCB not required to identify the client connection to form a timed-wait state TCB (TWTCB) for a time-wait period; and releasing the NPP memory containing the information required to service the client connection; wherein excluding information includes excluding at least one of a connection state information, send and receive queue information, a routing disconnect, and a routing information for the connection.

Clearly, Coile does not teach or suggest at least the limitation wherein excluding information includes excluding at least one of a connection state information, send and receive queue information, a routing disconnect indication, and a routing information for the connection. Accordingly, claim 1 distinguishes over Coile and is in allowable condition. Claims 2-4 and 7-10 depend from claim 1 and are allowable for at least the same reasons.

Claim 11 recites a method for increasing the throughput of a server capable of servicing at least one TCP/IP connection, the server establishing a TCP/IP Transmission Control Block (TCB) of a size and containing information sufficient to identify and service the connection, comprising: closing the at least one TCP/IP connection; forming a Timed-Wait TCB (TWTCB) of a size less than the TCB; and releasing the TCB for use by the server; wherein forming the

TCB includes excluding at least one of a connection state information, send and receive queue information, a routing disconnect indication, and a routing information for the connection.

Clearly, Coile does not teach or suggest at least the limitation wherein forming the TCB includes excluding at least one of a connection state information, send and receive queue information, a routing disconnect indication, and a routing information for the connection. Accordingly, claim 11 distinguishes over Coile and is in allowable condition. Claims 12-14 and 17 depend from claim 11 and are allowable for at least the same reasons.

Claim 18 recites a computer readable medium having computer-executable instructions for performing steps, comprising: closing a TCP/IP connection; copying less than all information stored in a TCP/IP Transmission Control Block (TCB) into a Timed-Wait TCB (TWTCB); and maintaining the TWTCB for a timed wait period to avoid late routed packets from establishing a new connection with a server; wherein copying less than all information includes excluding at least one of a connection state information, send and receive queue information, a routing disconnect indication, and a routing information for the connection.

Clearly, Coile does not teach or suggest at least the limitation wherein copying less than all information includes excluding at least one of a connection state information, send and receive queue information, a routing disconnect indication, and a routing information for the connection. Accordingly claim 18 distinguishes over Coile and is in allowable condition. Claims 19-21 depend from claim 18 and are allowable for at least the same reasons.

CONCLUSION

A Notice of Allowance is respectfully requested. The Examiner is requested to call the undersigned at the telephone number listed below if this communication does not place the case in condition for allowance.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

Dated: September 11, 2006

Respectfully submitted,

By 

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